Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203493

Luminaire Tested: GWC-SB2C-830-U-T2

Issue Date: 10/30/2025

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203493
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-830-U-T2
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13331 lumens
Efficiency:	N/A
Efficacy:	132.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

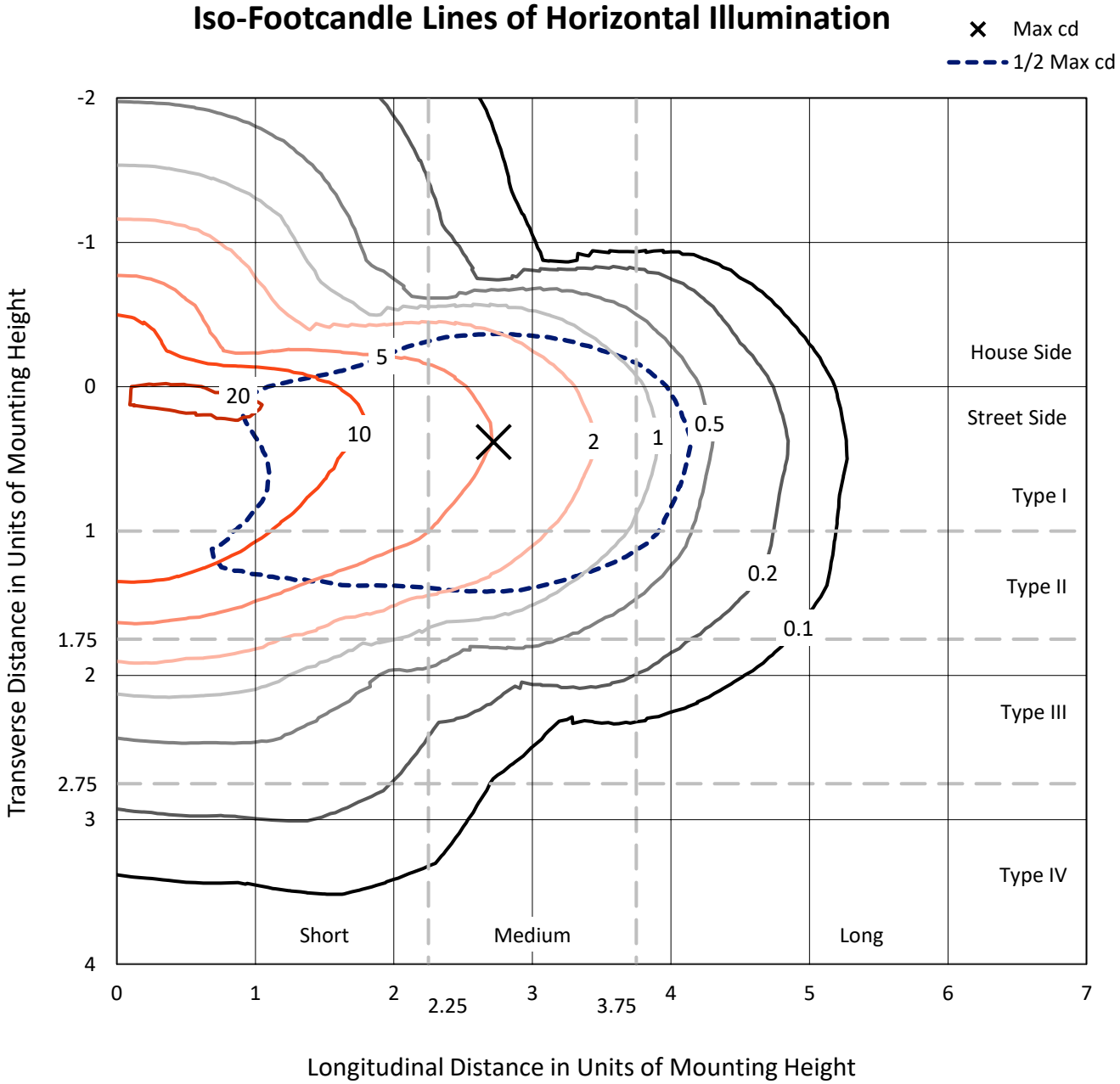


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REPORT NUMBER: P1203493
CATALOG NUMBER: GWC-SB2C-830-U-T2

Iso-Footcandle Lines of Horizontal Illumination



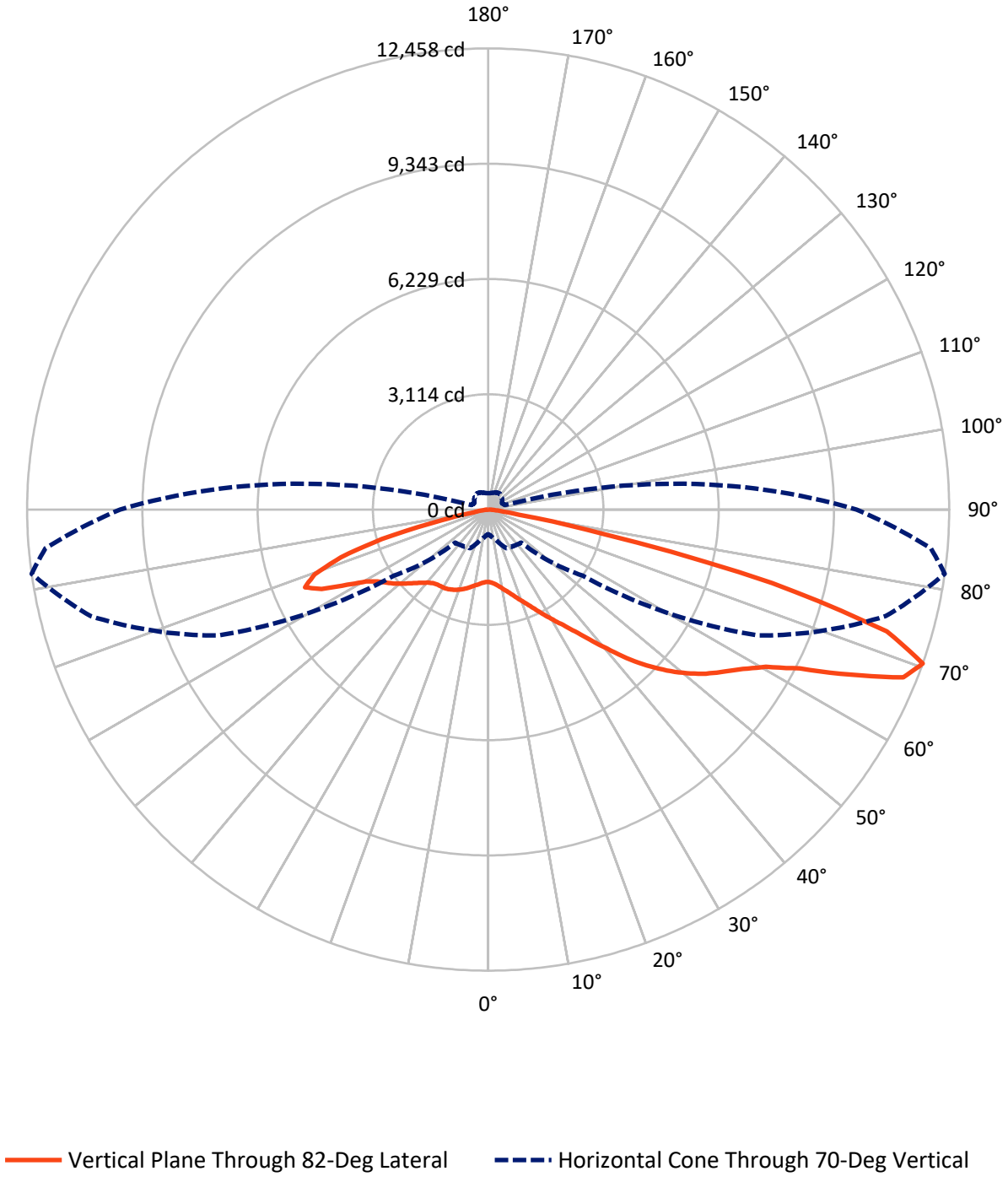
Based on 10 foot mounting height. Maximum calculated value = 21.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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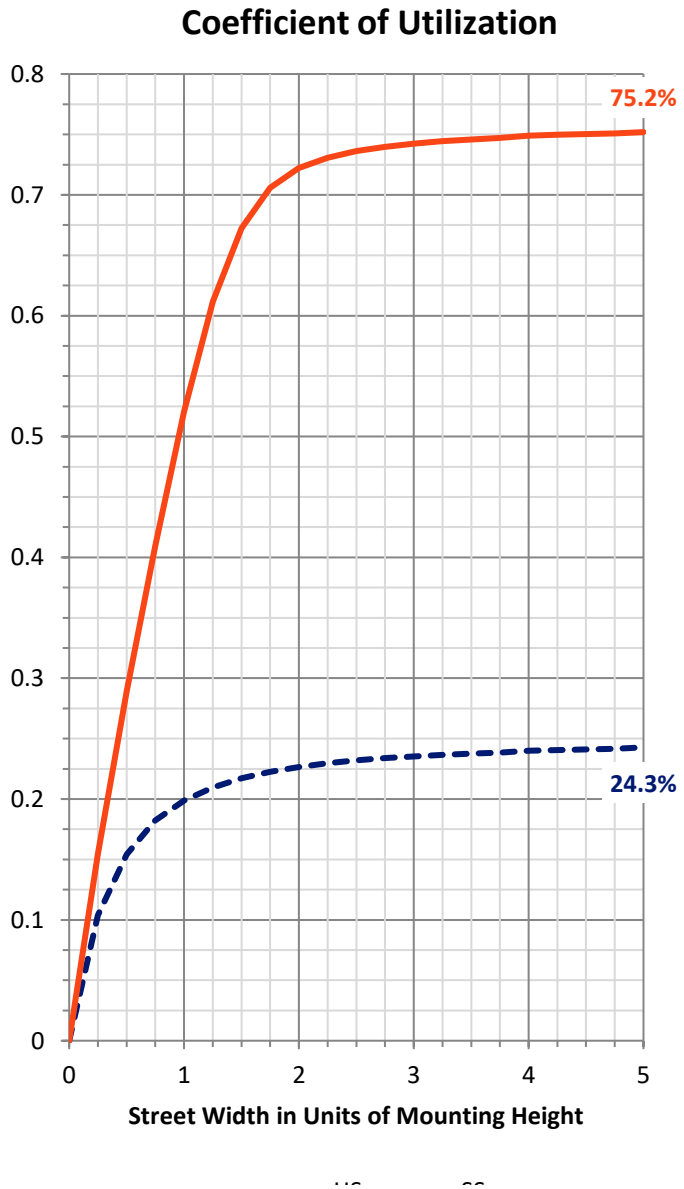
REPORT NUMBER: P1203493
CATALOG NUMBER: GWC-SB2C-830-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3286.4	0.0	3286.4
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	10044.6	0.0	10044.6
	% Fixture	75.3	0.0	75.3
Total	Lumens	13331.0	0.0	13331.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.5	1.4
10°-20°	530.2	4.0
20°-30°	887.0	6.7
30°-40°	1385.7	10.4
40°-50°	2206.8	16.6
50°-60°	3071.0	23.0
60°-70°	3212.5	24.1
70°-80°	1679.0	12.6
80°-90°	174.3	1.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	13331.0	100.0
0°-180°	13331.0	100.0



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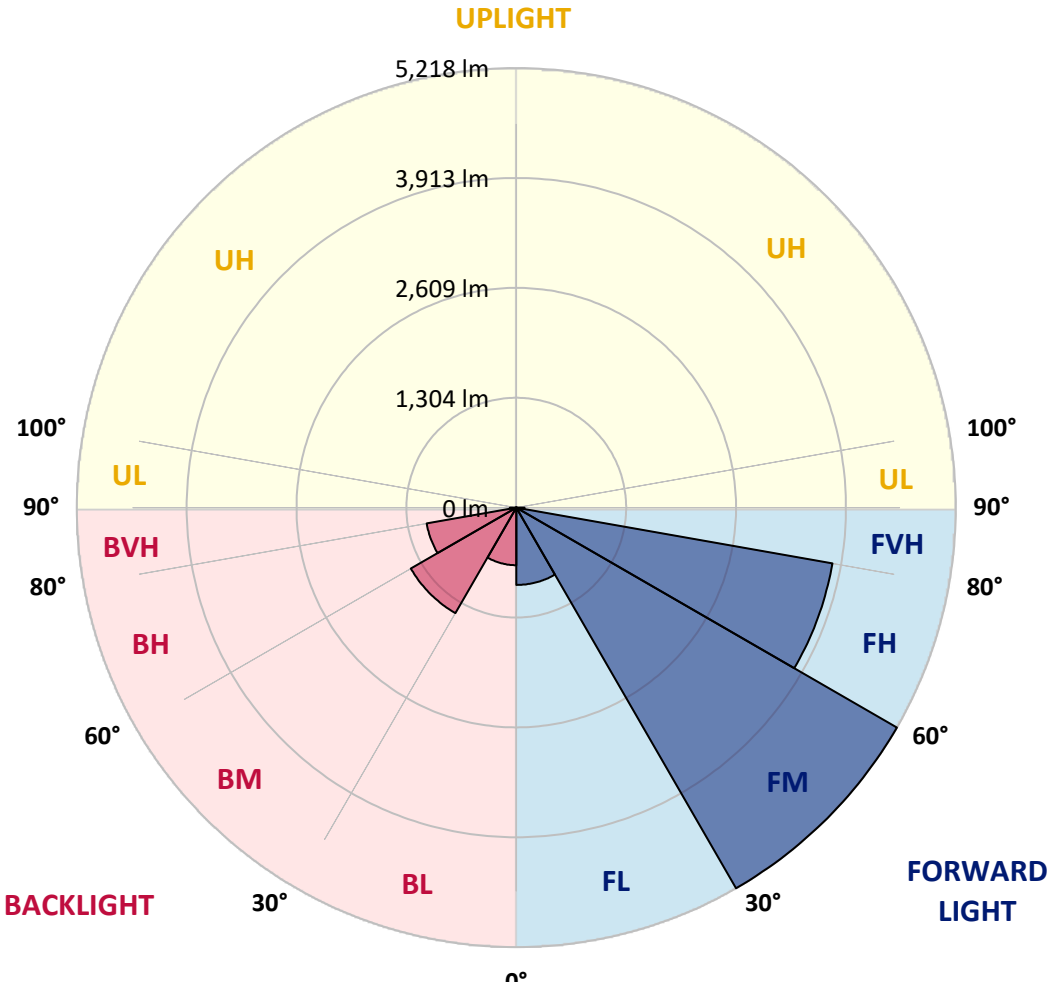
Scaled Data Report

REPORT NUMBER: P1203493
CATALOG NUMBER: GWC-SB2C-830-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	918.0	6.9			
FM	(30°-60°)	5217.6	39.1			
FH	(60°-80°)	3811.4	28.6			G2/5000
FVH	(80°-90°)	97.6	0.7			G1/100
BL	(0°-30°)	683.7	5.1	B2/1000		
BM	(30°-60°)	1445.9	10.8	B2/2500		
BH	(60°-80°)	1080.1	8.1	B3/2500		G3/2500
BVH	(80°-90°)	76.7	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Medium



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Scaled Data Report

REPORT NUMBER: P1203493
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	*1954.5*	1954.5
2.5°	2001.2	2012.5	2009.0	2005.4	2005.4	2000.5	1999.8	1992.7	1987.0	*1977.8*	1975.7
5°	2026.6	2038.7	2037.3	2040.1	2049.3	2051.4	2053.5	2049.3	2038.0	*2026.6*	2021.7
7.5°	2004.0	2017.4	2021.7	2038.7	2067.0	2092.4	2111.5	2119.3	2108.7	*2092.4*	2084.6
10°	1927.6	1942.5	1957.3	1997.6	2047.9	2108.0	2158.9	2189.3	2187.2	*2171.7*	2158.2
12.5°	1772.7	1788.3	1820.1	1898.6	1990.6	2096.7	2191.5	2255.1	2277.1	*2265.7*	2242.4
15°	1648.9	1662.3	1686.4	1767.0	1886.6	2047.9	2203.5	2327.3	2383.2	*2376.8*	2348.5
17.5°	1645.4	1651.0	1665.9	1704.1	1796.0	1971.5	2190.8	2398.0	2504.8	*2504.1*	2468.8
20°	1707.6	1709.7	1718.2	1726.0	1778.4	1913.5	2158.2	2456.7	2641.4	*2641.4*	2603.2
22.5°	1793.9	1792.5	1801.0	1793.9	1819.4	1908.5	2137.7	2508.4	2793.4	*2804.8*	2756.7
25°	1923.4	1916.3	1914.2	1897.9	1902.9	1954.5	2160.3	2567.1	2973.8	*2997.2*	2937.0
27.5°	2096.0	2084.6	2076.9	2039.4	2026.6	2049.3	2229.7	2637.8	3174.7	*3215.0*	3138.6
30°	2320.9	2300.4	2289.1	2224.0	2178.0	2181.6	2334.4	2731.9	3384.8	*3449.9*	3353.0
32.5°	2627.9	2596.1	2565.7	2458.9	2374.7	2347.1	2469.5	2862.1	3612.6	*3716.6*	3592.1
35°	2971.7	2946.2	2913.7	2748.9	2619.4	2555.8	2652.0	3043.9	3879.3	*4044.1*	3882.1
37.5°	3302.8	3280.8	3296.4	3074.3	2907.3	2814.7	2891.1	3287.9	4208.2	*4451.5*	4245.7
40°	3645.1	3628.2	3630.3	3418.1	3223.5	3119.5	3181.1	3594.2	4585.2	*4936.1*	4682.9
42.5°	4017.2	4004.5	3962.0	3773.9	3555.3	3458.4	3515.0	3947.9	4989.9	*5487.9*	5162.5
45°	4433.9	4426.1	4386.5	4170.7	3920.3	3811.4	3887.8	4338.4	5396.6	*6007.1*	5644.2
47.5°	4793.9	4800.3	4795.3	4613.5	4353.9	4194.1	4285.3	4745.8	5775.1	*6495.2*	6106.1
50°	4967.2	5000.5	5049.3	4992.7	4831.4	4668.7	4686.4	5139.1	6135.8	*6952.8*	6548.9
52.5°	4876.7	4939.6	5072.6	5163.2	5225.4	5191.5	5144.1	5529.6	6475.4	*7365.9*	6967.7
55°	4539.3	4627.7	4848.4	5067.0	5384.6	5631.5	5693.7	5962.5	6806.4	*7729.5*	7363.8
57.5°	3924.5	4068.1	4266.2	4708.3	5243.1	5844.4	6334.6	6563.1	7157.3	*8117.9*	7778.4
60°	2870.5	3063.0	3309.1	3967.0	4747.9	5730.5	6880.0	7485.5	7656.0	*8620.8*	8318.1
62.5°	1837.1	1955.9	2182.3	2801.9	3699.6	5146.9	7046.9	8638.5	8501.3	*9445.6*	9127.3
65°	1257.7	1334.1	1541.4	1889.4	2391.7	3831.2	6599.9	9502.9	9843.9	*10752.9*	10511.0
67.5°	913.9	971.9	1148.8	1453.7	1558.4	2267.2	5121.4	9463.3	11149.0	*12099.7*	11723.4
70°	*666.4*	*707.4*	*855.9*	*1148.8*	*1199.0*	*1261.3*	*3102.6*	*8044.3*	*11120.7*	*12457.7*	*12007.1*
72.5°	493.8	522.0	621.8	891.3	970.5	851.7	1535.7	5846.5	9556.0	*11267.9*	10906.4
75°	357.2	378.4	452.0	681.9	776.7	648.7	766.1	3416.6	6665.6	*7926.2*	7989.9
77.5°	273.0	289.3	337.4	499.4	621.8	486.7	475.4	1571.8	3160.6	*3176.1*	3354.4
80°	219.3	229.9	256.1	351.6	476.8	364.3	309.8	634.5	998.8	*845.3*	887.1
82.5°	161.3	179.0	216.5	246.9	341.0	251.1	188.9	320.4	379.9	*326.8*	329.6
85°	92.0	104.0	130.9	176.8	217.9	153.5	108.2	142.2	176.8	*145.0*	129.5
87.5°	32.5	42.4	46.0	69.3	94.8	63.7	41.7	41.0	58.0	*43.2*	36.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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Scaled Data Report

REPORT NUMBER: P1203493
CATALOG NUMBER: GWC-SB2C-830-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5	1954.5
2.5°	1968.6	1965.1	1951.0	1931.9	1912.0	1892.9	1886.6	1873.1	1863.9	1859.0	1864.7
5°	2008.3	1996.9	1963.7	1921.2	1876.7	1828.6	1794.6	1763.5	1740.9	1719.6	1728.1
7.5°	2064.8	2045.0	1987.7	1913.5	1834.2	1754.3	1694.9	1649.6	1619.2	1599.4	1603.6
10°	2130.6	2100.2	2012.5	1901.4	1779.1	1664.5	1594.4	1555.5	1536.4	1525.8	1528.6
12.5°	2206.3	2163.2	2038.0	1873.8	1694.9	1564.0	1515.9	1504.6	1505.3	1506.0	1507.4
15°	2299.7	2239.6	2058.5	1813.7	1585.2	1486.9	1478.4	1496.8	1515.9	1525.1	1524.4
17.5°	2405.1	2320.2	2062.0	1714.7	1477.7	1437.4	1464.3	1503.9	1532.9	1545.6	1548.5
20°	2518.3	2402.3	2036.5	1574.6	1389.3	1397.1	1445.2	1496.1	1527.9	1544.2	1548.5
22.5°	2647.7	2490.0	1975.7	1427.5	1317.1	1353.2	1409.8	1459.3	1492.6	1508.8	1513.1
25°	2795.6	2588.3	1880.2	1303.7	1254.9	1303.7	1360.3	1401.3	1428.2	1443.1	1447.3
27.5°	2959.7	2690.9	1752.9	1205.4	1200.4	1252.8	1299.5	1331.3	1345.4	1356.8	1361.0
30°	3124.5	2784.2	1598.7	1131.1	1153.0	1202.5	1235.8	1249.9	1254.2	1256.3	1261.3
32.5°	3302.8	2864.9	1436.7	1069.6	1107.8	1153.7	1173.5	1179.9	1160.1	1146.7	1150.9
35°	3518.5	2951.2	1278.2	1020.7	1063.2	1102.8	1109.2	1103.5	1080.2	1052.6	1054.0
37.5°	3785.2	3058.7	1151.6	986.1	1021.5	1047.6	1039.8	1038.4	1040.6	1008.0	1010.1
40°	4112.0	3198.8	1058.9	959.2	987.5	993.2	971.2	983.3	993.9	944.4	945.8
42.5°	4474.9	3367.8	1000.2	940.8	959.2	945.8	911.8	925.3	923.8	858.8	858.1
45°	4844.8	3551.8	979.7	927.4	933.0	906.2	868.7	872.2	842.5	783.8	785.9
47.5°	5212.7	3749.1	992.5	916.1	900.5	870.1	841.1	825.5	781.7	737.8	737.8
50°	5573.4	3956.4	1039.1	893.4	855.9	838.2	817.0	789.4	742.7	705.3	702.4
52.5°	5908.0	4165.1	1091.5	855.9	800.0	810.7	797.2	765.4	719.4	681.2	681.9
55°	6224.9	4373.7	1112.0	804.3	747.7	786.6	778.8	720.1	664.9	633.8	631.0
57.5°	6570.1	4624.9	1089.4	738.5	705.3	759.0	729.3	664.2	632.4	609.1	606.9
60°	7048.3	5018.9	1040.6	657.2	664.9	718.0	667.1	640.2	605.5	579.3	577.9
62.5°	7842.7	5753.8	962.0	576.5	617.5	657.2	637.3	610.5	575.1	549.6	549.6
65°	9017.0	6775.3	814.2	513.6	564.5	597.7	605.5	578.6	541.9	515.0	516.4
67.5°	10007.3	7416.2	616.1	461.2	510.0	549.6	571.6	545.4	506.5	480.3	481.0
70°	*9952.8*	*6950.7*	*470.4*	*409.6*	*461.9*	*502.2*	*530.5*	*510.0*	*468.3*	*443.5*	*445.6*
72.5°	8840.1	5814.7	380.6	357.2	413.1	452.7	486.7	471.1	428.7	404.6	404.6
75°	6494.5	4127.6	304.2	304.2	352.3	401.1	438.6	428.7	389.8	372.8	367.8
77.5°	2737.6	1731.7	238.4	252.5	292.9	344.5	391.2	394.7	360.8	382.0	346.6
80°	727.9	477.5	181.8	198.8	229.9	284.4	340.2	338.8	302.1	282.2	262.4
82.5°	277.3	188.2	129.5	140.1	166.2	217.9	269.5	278.0	241.2	208.7	208.7
85°	106.8	80.6	79.9	84.2	96.9	144.3	203.7	210.8	181.8	154.2	159.2
87.5°	27.6	24.1	29.7	28.3	44.6	77.1	116.7	121.0	111.1	64.4	92.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

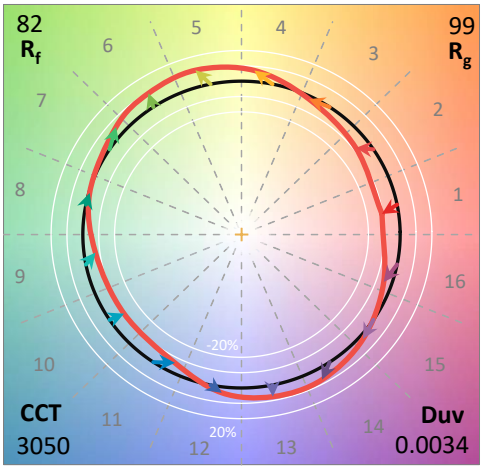
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

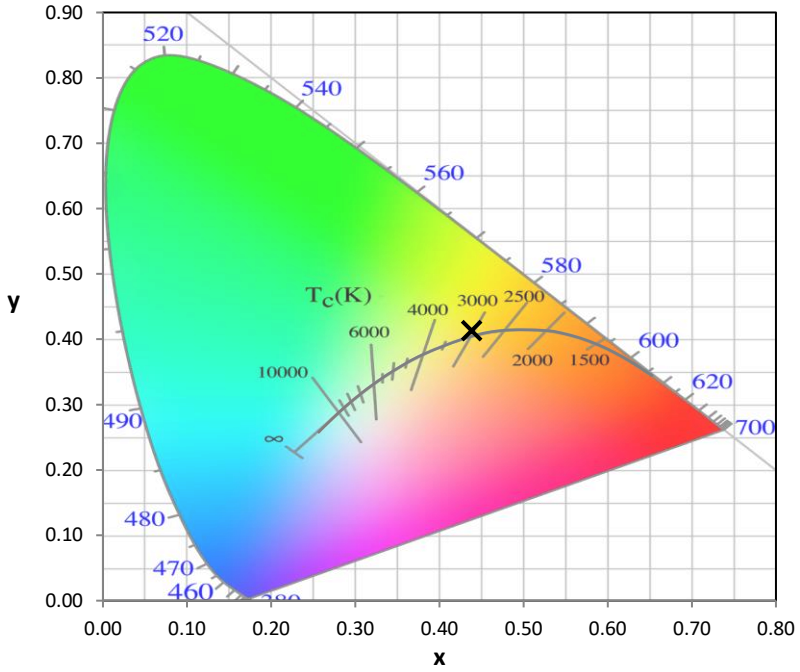
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

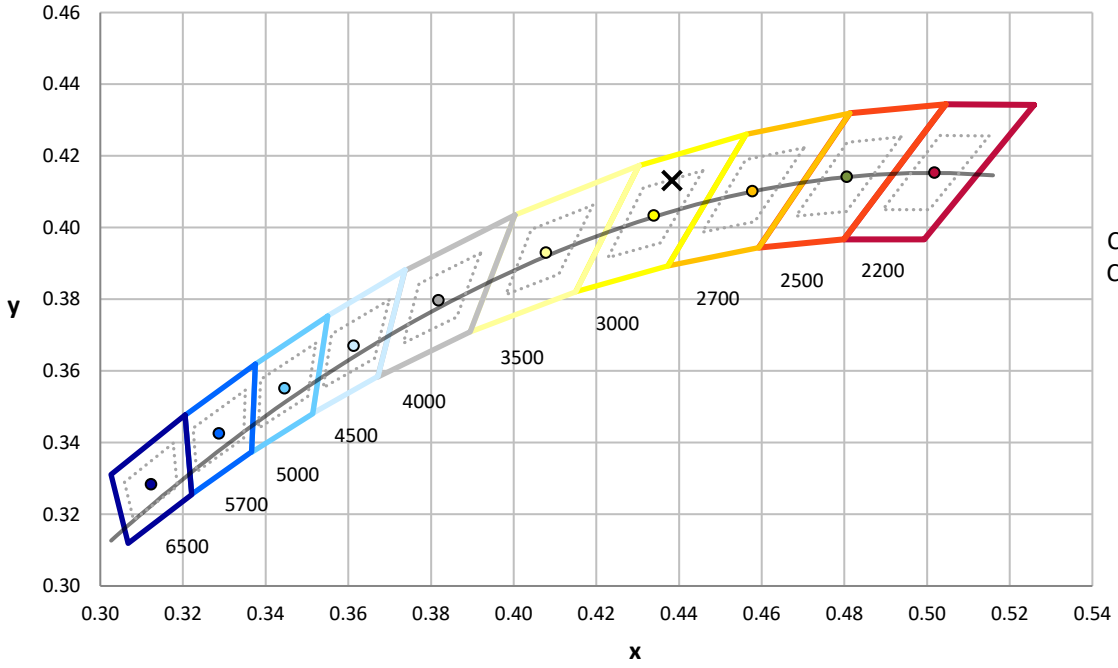
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

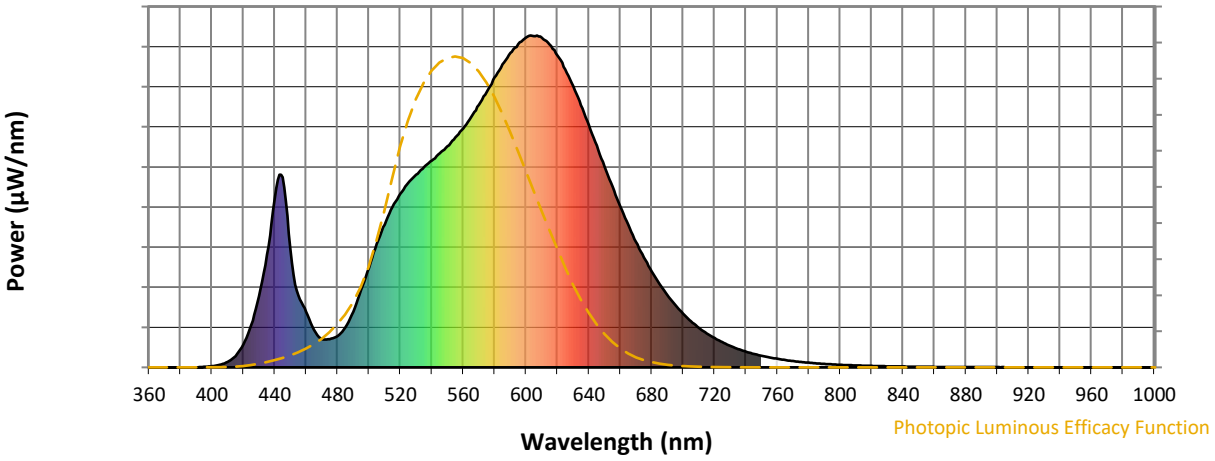


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

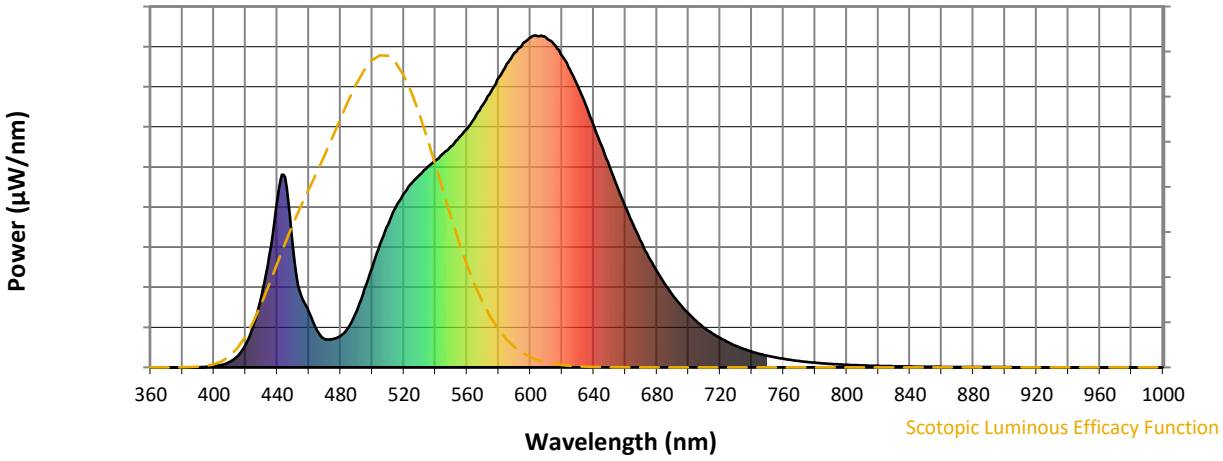


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

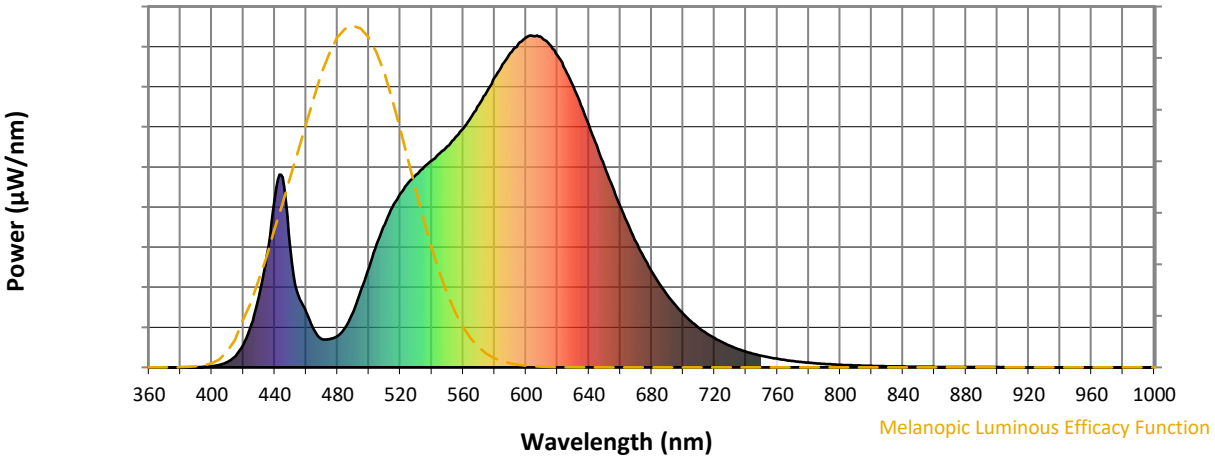


Scotopic Lumens: NR **S/P: 1.27**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

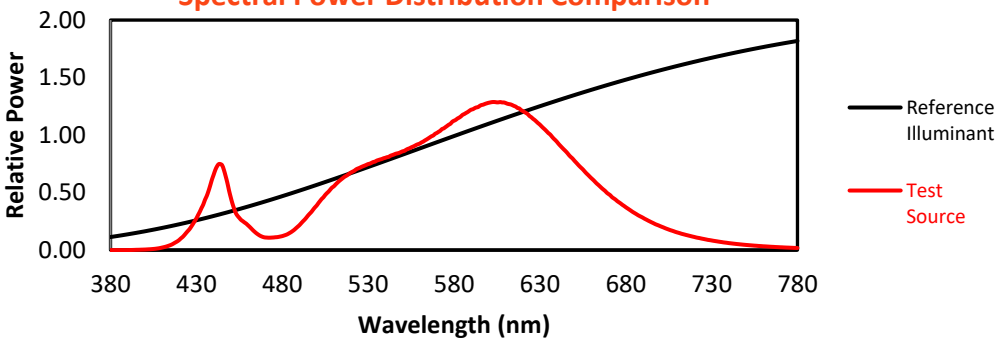
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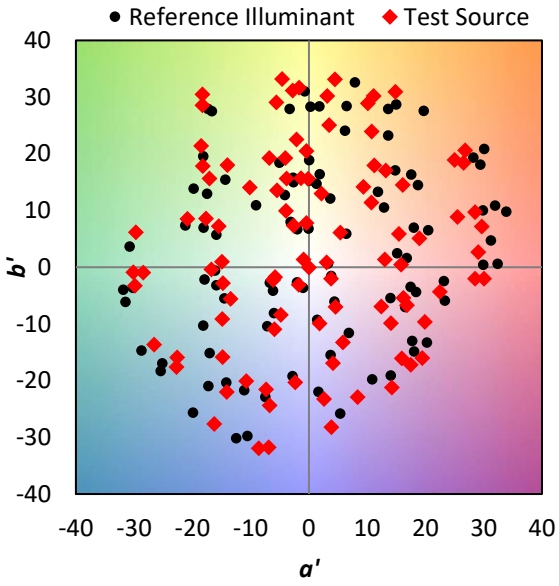
Summary

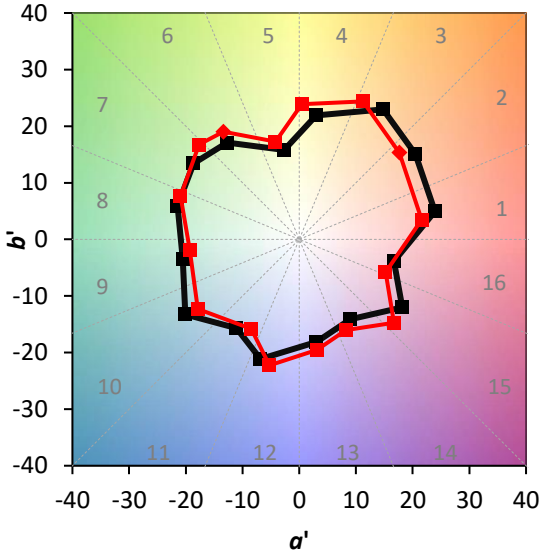
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

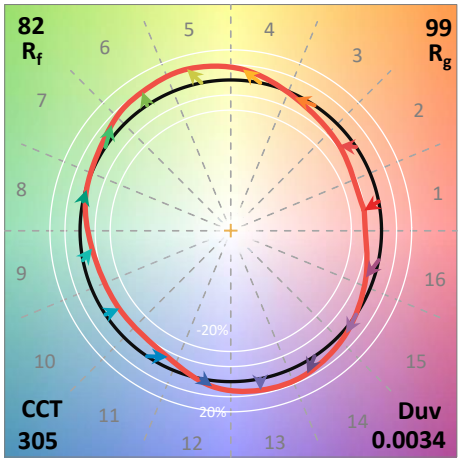
Spectral Power Distribution Comparison

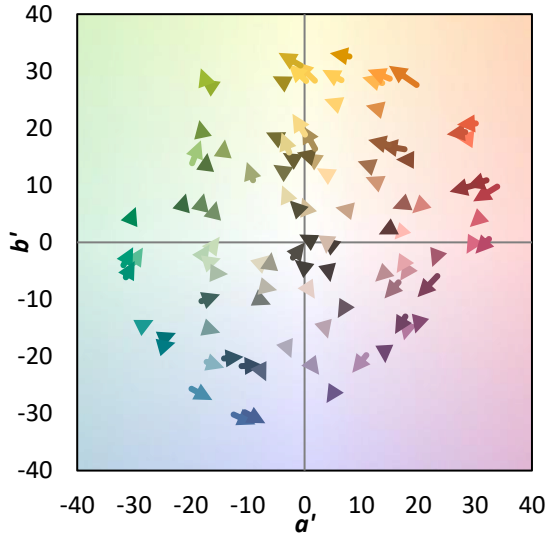


Color Vector Graphics







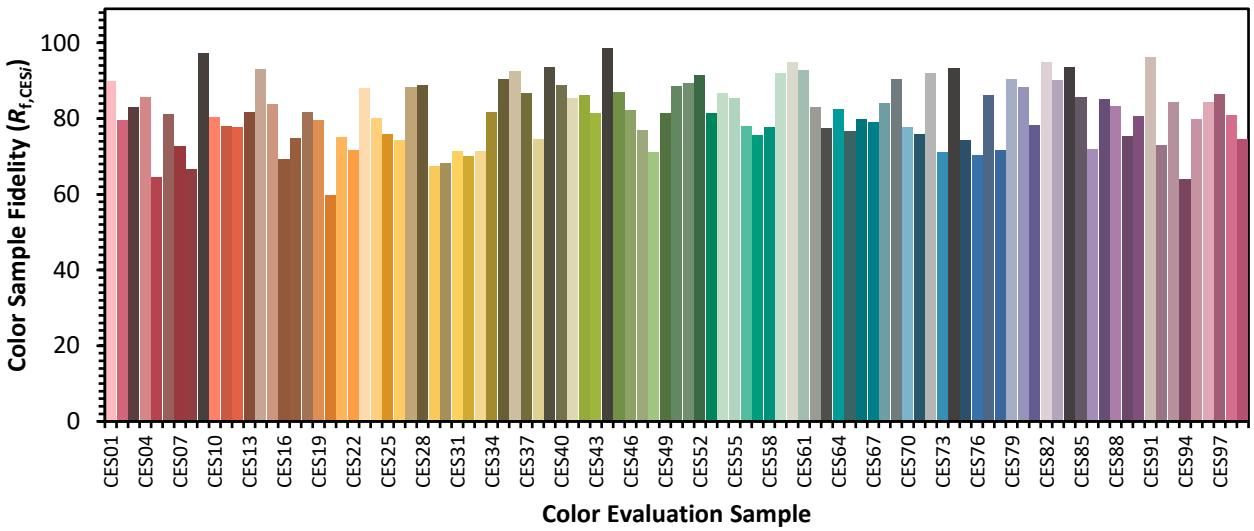


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Individual Sample Fidelity Index ($R_{f,i}$)

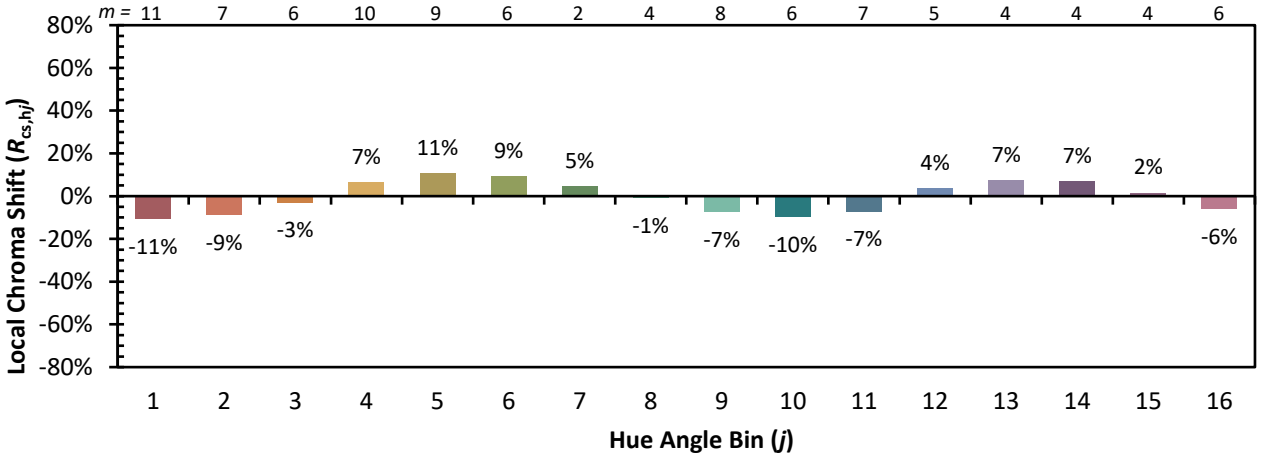
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	

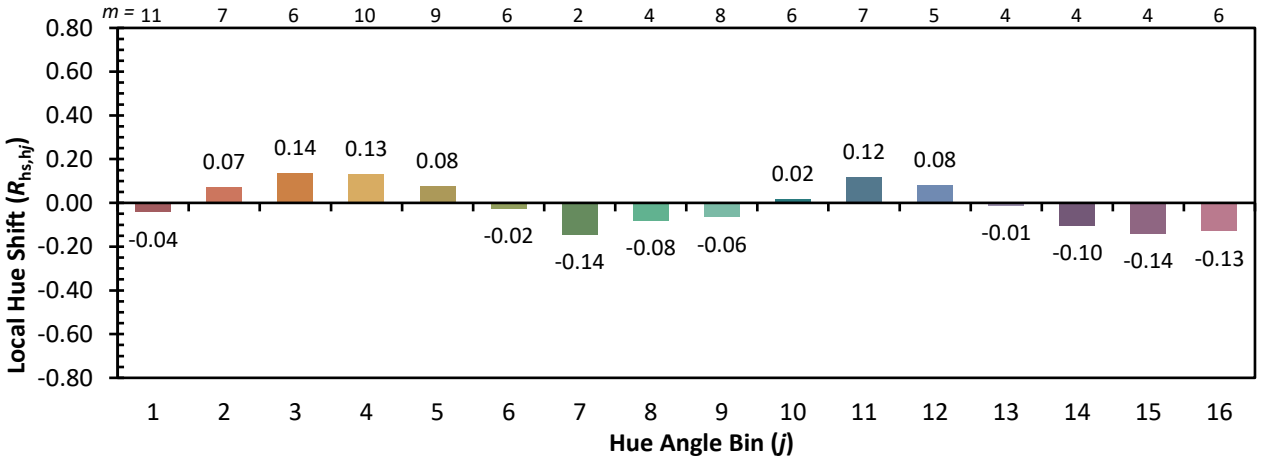


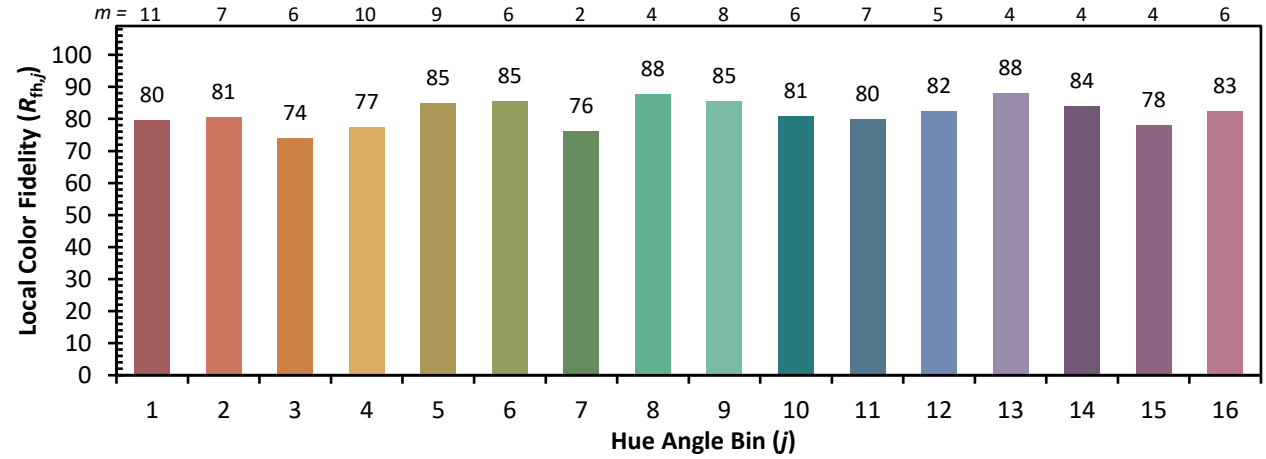
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Color Rendition by Hue-Angle Bin



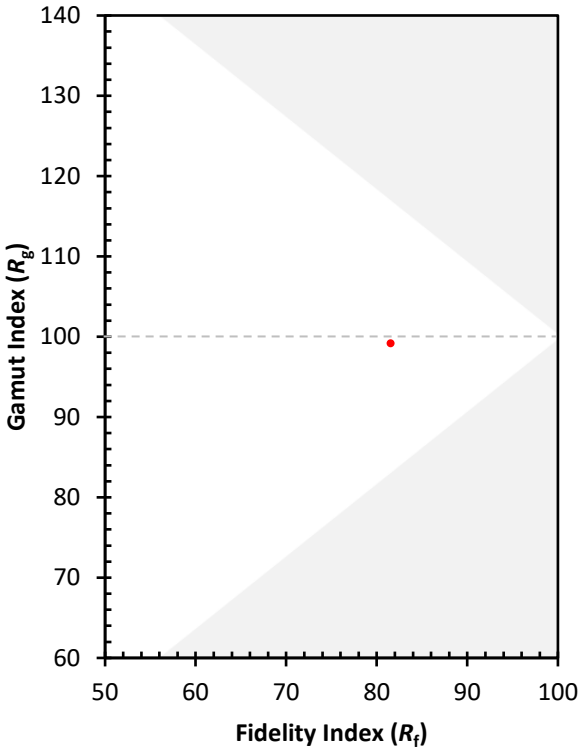


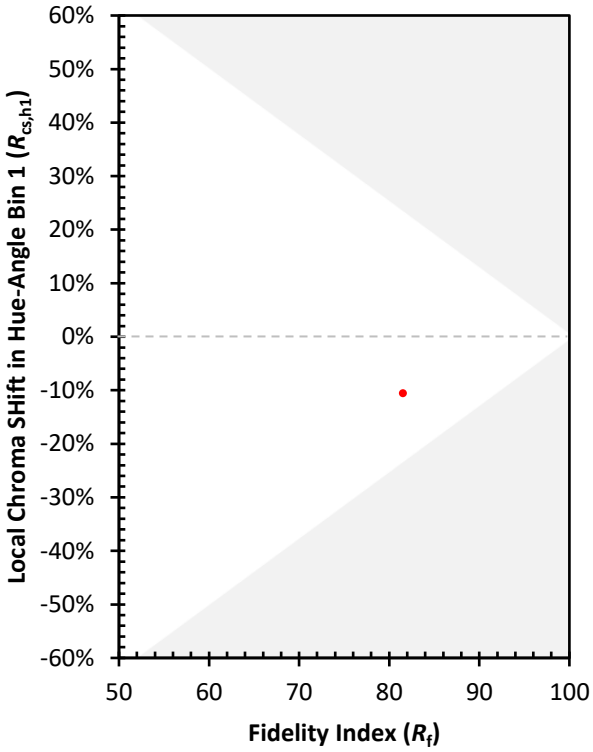


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Measure Comparisons





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